

# INTERNATIONAL SEARCH REPORT

Inter Application No  
PC1/US2004/028041

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K7/075 A61K7/08 A61K7/11

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DR. JOHN GRAY: "The world of hair, hair care routines" P AND G BEAUTY SCIENCE, [Online] 13 February 2003 (2003-02-13), pages 122-126, XP002311950 Retrieved from the Internet: URL: <a href="http://www.pg.com/science/haircare/hair_twh_122.htm">http://www.pg.com/science/haircare/hair_twh_122.htm</a> [retrieved on 2004-12-22] page 122 - page 126	1-15, 25-28,33
Y	US 5 726 137 A (PATEL AMRIT ET AL) 10 March 1998 (1998-03-10) column 4, line 61 - column 5, line 22; examples 1,2,4 column 8, line 7 - line 20 ----- -/-	1-15, 25-28,33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

29 June 2005

Date of mailing of the international search report

22 07. 2005

Name and mailing address of the ISA

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International Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 090 773 A (LUKENBACH R ELVIN ET AL) 18 July 2000 (2000-07-18) column 1, line 34 - column 3, line 53; examples 1-54; tables 1,4-14 column 10, line 58 - column 12, line 36 -----	1-15, 25-28,33
Y	WO 03/045340 A (UNILEVER PLC ; LEVER HINDUSTAN LTD (IN); UNILEVER NV (NL)) 5 June 2003 (2003-06-05) page 2, line 16 - line 29; example 2 page 4, line 13 - page 10, line 29 page 13, line 17 - page 16, line 30 -----	1-15, 25-28,33
Y	WO 97/25963 A (PROCTER & GAMBLE) 24 July 1997 (1997-07-24) page 3, line 9 - page 7, line 30; examples 1-5 page 15, line 21 - page 16, line 8 -----	1-15, 25-28,33
Y	ANONYMOUS: "Shampoo and conditioners recommendation chart" BACK TO BASICS, [Online] 3 February 2003 (2003-02-03), XP002311951 Retrieved from the Internet: URL:http://www.backtobasics.com/trends/wha tsright.htm> [retrieved on 2004-12-23] page 1 -----	6-14
X	DR. JOHN GRAY: "The World of Hair - Chapter 7: The Science of Styling: Long-Lasting Volume" P AND G BEAUTY SCIENCE, [Online] 2003, XP002333823 Retrieved from the Internet: URL:http://www.pg.com/science/haircare/hai r_twh_toc.htm> [retrieved on 2005-06-28] the whole document -----	16,24
Y	US 6 426 064 B1 (STOCKEL RICHARD F ET AL) 30 July 2002 (2002-07-30)  column 1, line 25 - column 4, line 21 -----	17-23, 29-32, 34-36
Y	GB 2 366 727 A (* WELLA AKTIENGESELLSCHAFT) 20 March 2002 (2002-03-20) page 3, paragraph 2 - page 9, paragraph 1; examples 2-5 page 9, paragraph 3 -----	23, 29-32, 34-36
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 00/21495 A (COLGATE-PALMOLIVE COMPANY) 20 April 2000 (2000-04-20)</p> <p>page 6, line 1 - page 7, line 2; example 16 page 33, line 20 - page 10, line 45; examples 16,17; table X</p>	<p>23, 29-32, 34-36</p>
A	<p>HANDT C M: "Hair fixatives" SOAP COSMETICS CHEMICAL SPECIALTIES, MAC.NAIR-DORLAND CO. NEW YORK, US, vol. 63, no. 10, October 1987 (1987-10), XP002021428 ISSN: 0091-1372 the whole document</p>	<p>16-24, 29-32, 34-36</p>

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International application No.  
PCT/US2004/028041

## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-15,25-28,33

A kit of proportional shampoos and conditioners comprising:  
i) a plurality of shampoos, wherein the individual shampoo includes anionic, nonionic and amphoteric surfactants and cationic conditioning polymers;  
ii) a plurality of proportional conditioners, wherein the individual conditioner contains at least one amphoteric surfactant, one cationic polymer, one film former and one zwitterionic compound selectde from the aminoacids or proteins.

The method for diagnosing, cleansing and conditioning the hair using the mentioned shampoos and conditioners.

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2. claims: 16-24,29-32,34-36

A kit containing a plurality of styling aids, each individual styling aid having an active component includng a humectant, a polymeric complex and a carrier, the polymeric complex being a combination of a film former, static discharger and volumizing resin.

A method for styling the hair comprising teh step of applying the styling aids described above.

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